

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraphs **[0082.1]** with the following paragraph **[0082.1]**, rewritten in amendment format:

[0082.1] It will be understood that exit ports may also be formed in the cooling channels 144 to form the premix area 142. The cooling channel 144 is defined by two substantially parallel plates 144a and 144b. It will be understood, however, that other portions, such as a top and a bottom will be included to enclose the cooling channel 144. Additionally, a heat exchange or catalyst member, such as a catalyst channel 148, is provided rather than heat exchange tubes 48, as discussed above in the first embodiment. Again, the catalyst channel 148 is defined by side, top, and bottom walls and defines a column 149. Each catalyst column 149, however, is defined by a single catalyst channel 148 rather than a plurality of catalyst tubes 48, as discussed above. The cooling channel 144 may include a plurality of cooling channels 144. Each cooling channel 144, in the plurality, defines a cooling pathway. Similarly, the heat exchange channel 148 may include a plurality of heat exchange channels 148. Each, or the plurality of, the heat exchange channels 148 defines a heat exchange or catalyst pathway.